

Appt. No. 10048130
Reply to Office action of 2/7/2005

IN THE SPECIFICATION

Please replace the paragraph beginning at page 6, line 15 with the following amended paragraph:

Namely, by forming an accurately curved vertical section and a curved lateral section, the vehicle window pane, as a whole, constitutes a bidirectionally curved pane, which is neither a spherically curved pane (because the radii of curvature in the vertical and lateral sections are not equal to each other) nor a cylindrically cured pane (because both of the radii of curvature in the vertical and lateral sections are not infinite). By thus choosing the vertical and lateral sectional shapes independently of each other. ~~the~~ The inventive vehicle window pane can have an improved aesthetic appeal and the shape of the motor vehicle can be chosen freely as desired without being substantially bound by the window pane.

Please replace the paragraph beginning at page 7, line 16 with the following amended paragraph:

According to another aspect of the present invention, there is provided a vehicle window pane for slideable attachment to a motor vehicle, ~~characterized~~ characterized in that the window pane comprises a curved pane having a substantially uniform thickness with a principal surface thereof forming a curved surface, the curved surface being an aggregate of points satisfying the conditions:

- (a) when a vector contacting the curved surface at a point on the curved surface is called a tangent vector, a tangent vector having a maximum curvature is called a first tangent vector, and a tangent vector having a minimum curvature is called a second tangent vector, all points on the curved surface have the first tangent vector and the second tangent vector 13 equipped with front and rear wheels 11 and 12; front door window panes 16 slidably received in front slide doors 15 (only one of which is shown); rear door window panes 18 slidably received in rear side doors 17 (only one of which is shown); quarter window panes 19 (only one of which is shown) fixed to a part of the vehicle bodywork 13 rearwardly of

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the rear door window panes 18; a roof window pane 21 slidably received in a roof window 20 of the vehicle bodywork 13; and a rear window pane 23 (Fig. 2) fixed to a rear part of the vehicle bodywork 13. Of these window panes, each of the front and rear door window panes 16 and 18 and roof window pane 21 will hereinafter be sometimes called a "sliding vehicle window pane".

Please replace the paragraph beginning at page 12, line 20 with the following amended paragraph:

So far, no problem has been encountered in curving the windshield 14, quarter window panes 19 and rear window pane 23 in three dimensions because they are "fixedly-fitted" panes. By contrast, it has been practically impossible to curve the sliding front and rear door window panes 16 and 18 in the longitudinal direction of the vehicle bodywork 13 and yet permit upward/downward sliding movements of the thus-curved window panes 16 and 18. The present invention, however, is arranged to make it possible to curve the sliding front and rear window panes 16 and 18 in the longitudinal direction of the vehicle bodywork 13 in such a manner that the upward/downward sliding movements of the thus-curved panes along the respective door bodies are permitted without involving significant inconveniences. By curving the front and rear door window panes 16 and 18 and quarter window panes 19 with the same ~~radius~~ radius of curvature in the longitudinal direction of the vehicle bodywork 13, the present invention can markedly improve the outer appearance of these panes and hence the aesthetic appeal of the motor vehicle equipped with these panes.